



## UNITED STATES PATENT AND TRADEMARK OFFICE



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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
09/526,780	03/16/2000	Edward O. Clapper	INTL-0359-P1-US (P7596X)	1757	
7.	590 01/15/2002				
Timothy N Tr		EXAMINER			
Trop Pruner & Ste 100		PATEL, NITIN			
8554 Katy Free Houston, TX			ART UNIT	PAPER NUMBER	
			2673		
			DATE MAILED: 01/15/2002		

Please find below and/or attached an Office communication concerning this application or proceeding.

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Application No. Op/S28,780 CLAPPER Examiner   Art Unit   Display   As HORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILUNG DATE of this communication appears on the cover sheet with the correspondence address Period for Reply  A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILUNG DATE OF THIS COMMUNICATION.  Extensions of time may be available under the provisions of 3 CFR 1.136(b). In one weet, however, may a reply be limitly filled while \$10 (b) MONTH for the maining and set of the communication expension and othery (09) days with an excent enterior place of the communication of the provision and they (09) days with an excent enterior place of the communication of the provision and they (09) days with an excent enterior place of place of the communication of the provision of the pro						W		
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Period for Reply  A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.  Estamblian of time may be a validate under the provious of 3 of 2FR 1.15(a). In no event, however, may a reply be timely filed after 6X (6) MONTH's from the making date of this communication.  Estamblian of time may be a validation under the provious of 3 of 2FR 1.15(a). In no event, however, may a reply be timely filed after 6X (6) MONTH's from the making date of this communication.  Estamblian of time may be a validation, the making date of this communication.  I No beard of reply is appetited attem, bear market additively period vial largety and the legis 50 (MONTH's from the making date of this communication.  Fallars to reply within the set or estambled period for reply will, by statistic, cause the application to become ABANDONED (38 U.S.C.§ 133).  Any reply received by the Official better horizons with the making date of this communication.  Fallars to reply within the set or estambled period for reply will, by statistic, cause the application to become ABANDONED (38 U.S.C.§ 133).  Provided the provided period of the set of this communication to the set of this communication.  Provided the set of this communication (5) filed on 16 March 2000.  Provided the set of this communication (5) filed on 16 March 2000.  Provided the set of this communication (5) filed on 16 March 2000.  Provided the set of this communication (5) filed on 16 March 2000.  Provided the set of this communication (5) filed on 16 March 2000.  Provided the set of this communication (5) filed on 16 March 2000.  Provided the set of this communication (5) filed on 16 March 2000.  Provided filed the set of this communication (5) filed on 16 March 2000.  Provided filed the set of this communication (5) filed on 16 March 2000.  Provided filed	Office Action Summary		Examine	er	Art Unit			
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THE MAILING DATE OF THIS COMMUNICATION.  Edeminion of time may be available under the provised of the communication.  If the period comply specified with the mailing date of the communication, only within the statistory mind under the mailing date of this communication.  Failure to reply within the start or dended period for reply will, by statute, cause the application to become ARAPICONEC (55 U.S. C, § 133).  Any reply received by the Office later than these months after the mailing date of this communication, even if timely filed, may reduce any searched patient term adjustment. San 37 CPR 1.794(b).  Status  1) Responsive to communication(s) filed on 16 March 2000.  2a) This action is FINAL.  2b) This action is FINAL.  2b) This action is final.  3) Isoposition of Claims  4) Claim(s) 1-17 is/are pending in the application.  4a) Of the above claim(s) is/are withdrawn from consideration.  5) Claim(s) 1-17 is/are rejected.  7) Claim(s) is/are allowed.  6) Claim(s) 1-17 is/are rejected.  7) Claim(s) is/are objected to by the Examiner.  4Application Papers  9) The specification is objected to by the Examiner.  Application Papers  9) The specification is objected to by the Examiner.  Application Papers  10 The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner.  Application Papers  10 Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  11 Certified copies of the priority documents have been received in Application No.  2 Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rul 1-7 (26)).  * See the attached detailed Office action for domestic priority under 35 U.S.C. § 119(a) (to a provisional application).  1 All DACKnowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(c) (to a provisional application).  1 All DACKnowledgment is made of a claim for domestic priori			nication appears on th	e cover shee	et with the correspondence	address		
2a)  This action is FINAL. 2b) This action is non-final.  3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.  Disposition of Claims  4) Claim(s) 1-17 is/are pending in the application.  4a) Of the above claim(s) is/are withdrawn from consideration.  5) Claim(s) is/are allowed.  6) Claim(s) 1-17 is/are rejected.  7) Claim(s) is/are objected to.  8) Claim(s) is/are objected to.  8) Claim(s) is/are subject to restriction and/or election requirement.  Application Papers  9) The specification is objected to by the Examiner.  10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner.  Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  11) The proposed drawing correction filed on is: a) approved by the Examiner.  If approved, corrected drawings are required in reply to this Office action.  12) The oath or declaration is objected to by the Examiner.  Priority under 35 U.S.C. §§ 119 and 120  13) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  a) All b) Some * c) None of:  1. Certified copies of the priority documents have been received in Application No.  2. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  * See the attached detailed Office action for a list of the certified copies not received.  14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).  a) The translation of the foreign language provisional application has been received.  15) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).  10 Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).  11 Ackno	THE N - Exter after - If the - If NO - Failu - Any r earne	MAILING DATE OF THIS COMMUNISIONS of time may be available under the provision SIX (6) MONTHS from the mailing date of this conperiod for reply specified above is less than thirty period for reply is specified above, the maximum ret or reply within the set or extended period for repeply received by the Office later than three months	NICATION.  ns of 37 CFR 1.136(a). In no enterior in the state of the s	vent, however, m atutory minimum will expire SIX (6)	ay a reply be timely filed of thirty (30) days will be considered to MONTHS from the mailing date of the ABANDONED (35 U.S.C. § 133)	115 COMMINICATION.		
Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.    Disposition of Claims	1)⊠	Responsive to communication(s)	filed on <u>16 March 200</u>	<u>00</u> .				
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Art Unit: 2673

### **DETAILED ACTION**

### Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) do not apply to the examination of this application as the application being examined was not (1) filed on or after November 29, 2000, or (2) voluntarily published under 35 U.S.C. 122(b). Therefore, this application is examined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

2. Claims 1-7 is rejected under 35 U.S.C. 102(e) as being anticipated by Brusky et al., (U.S. Patent No. 6,111,569).

As per claim 1, Brusky teaches a wireless peripheral for a receiver (In abstract): a housing (element 70 In Fig.1);

a keyboard defined on housing (In fig.1 element 70 and In Col.3 lines 12-14); a pair of wireless interface that transmit wireless signals directed at sufficiently spaced angles with respect to one another to enable said receiver to distinguish one of signals from the other of signals (In Col.3 lines 14-25).

As per claim 2, Brusky teaches housing includes a pair of opposed sides, a keyboard being situated on each of sides (In fig.1 element 70).

Art Unit: 2673

As per claim 3, Brusky teaches a wireless interface associated with each if keyboard (In col.3 lines 12-16 and In Col.3 lines 42-44).

As per claim 4, Brusky teaches one of keyboard operates as a remote control unit and the other of keyboards operates as a text entry keyboard (In col.3 lines 33-37 and lines 42-44).

As per claims 5,6 Brusky teaches a controller coupled to interface and qwerty keyboard (In fig.1 and In Col.2 lines 51-57).

As per claim 7, Brusky teaches wireless interfaces are infrared interfaces (In col.3 lines 42-44).

3. Claims 11,12,13,14,17 are rejected under 35 U.S.C. 102(e) as being anticipated by Kimura et al., (U.S. Patent No. 6,108,716).

As per claim 11, Kimura teaches providing at least two modes for a wireless device and selecting one of modes for wireless device based on the orientation of wireless device (In fig.21-23 and In col.15 lines 27-44).

As per claim 12,13,14,17 Kimura teaches a processor based system (In col.5 lines 8-10) and wireless interface are infrared interface (In Fig.22 elements 106 a-c) and with angled sufficiently such only one of signals is detected by receiver (In fig.22, 23 and In Col.15 lines 27-44).

# Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

Art Unit: 2673

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

5. Claims 8-10 are rejected under 35 U.S.C. 103(a) as being unpatentable over Brusky et al., (U.S. Patent No. 6,111,569) in view of Kimura et al., (U.S. Patent No. 6,108,716).

As per claims 8-10 Brusky does not specifically teaches interfaces are oriented to generate wireless signal greater than 45 degrees from one another and two different orientations arranged relative to a user in each of orientations a different one of interface is aligned with receiver.

Kimura teaches interfaces are oriented to generate wireless signal greater than 45 degrees from one another and two different orientations arranged relative to a user in each of orientations a different one of interface is aligned with receiver(In col.2 lines 25-35 and In Col.14 lines 60-67 to Col.15 lines 1-45). It would have been obvious to one of ordinary skill in the art, at the time of the invention was made to allow the teaching of Kimura's into the wireless keyboard system of Brusky's because it would have provided a full function remote control system for an entertainment system which may include a TV and a PC or internet access device.

6. Claims 15,16 are rejected under 35 U.S.C. 103(a) as being unpatentable over Brusky et al., (U.S. Patent No. 6,111,569) in view of Henty (U.S. Patent No. 6,094,156). As per claims 15-16 Brusky does not specifically teach controlling a television receiver and providing a text entry commands in another orientation of device.

Art Unit: 2673

Henty teaches controlling a television receiver and providing a text entry commands in another orientation of device (In fig.1a, 1b, 1c and In Col.3 lines 10-55 and In col.4 lines 6-19). It would have been obvious to one of ordinary skill in the art, at the time of the invention was made to allow the teaching of Henty's multi directional controller into the system of Brusky's system because it would have controlled two device with different signal which would not inadvertently activate the two control device at a same time.

#### CONCLUSION

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Nitin Patel whose telephone number is 703-308-7024. The examiner can normally be reached on 8:00-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Bipin H Shalwala can be reached on 703-305-4938. The fax phone numbers for the organization where this application or proceeding is assigned are 703-872-9314 for regular communications and 703-308-9052 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-9618.

Nitin Patel Examiner Art Unit 2673

> VIJAY SHANKAR PRIMARY EXAMINER